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MATERIALS AND METHODS TO MODULATE LIGAND
BINDING/ENZYMIC ACTIVITY OF ALPHA BETA PROTEINS
CONTAINING AN ALLOSTERIC REGULATORY SITE
Attorney Docket No. 27866/36470A

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Figure 1 - LFA-1 I Domain Amino Acid Sequence

GNVLDLVLFQ GSMSLQPDEF QKILDFMVKD MKKLSNTSYQ FAAVQFSTSY KTEFDPSD
WKDKDPDALLK HVKHMLLLTTN TFGAINYVAT EVFREELGAR PDATKVLIII TDGEATDSGN
IDAAKDIIRY IIGIGKHFQK KESQETLHKF ASKPASEFVK ILDTFEKLKD LFTELQKKIY

FIGURE 2 - LFA-1 Amino Acid Sequence

TK2207-5E692660
MKDSCITVMA MALLSGFFFF APASSYNLDV RGARSFSPPR AGRHFGYRVL QVGNGVIVGA
PGEVGNTGSL YOCOSGTCGH LPVTLRGSNY TSKYLGMTLA TDPTDGSILIA CDPGLSRTCD
QNTYLSGLCY LFRQNLQGPM LQGRPGFQEC IKGNVLDVFL FDGSMSLQPD EFQKILDFMK
DVMKKLSNTS YQFAAVQFST SYKTEFDPSD YVKWVKDPDAL LKHVKHMLLL TNTFGAINYV
ATEVFRRELQ ARPDATKVLII IITDGEATDQ GNIDAAKDII RYIIGIGKHF QTKEQETLH
KFAKSPASEF VKILDTFEKL KDLFTELQKII IYVIEGTSKQ DLTSFNMELS SSGISADLSR
GHAVHVGAVGA KDWAGGFLDL KADLQDDTFI GNEPLTPEVR AGYLGYTVW LPSRQKTSLL
ASGAPRYQHM GRVLLFQEQPQ GGGHWSQVOT IHGTQIGSYF GGELCGVVDV ODGETELLLI
GAPLFYGEQR GGRVFIYQRR QLGFEEVSEL QGDPGYFLGR FGEAITALTD INGDGLVDVA
VGAPLBEQGA VYIFNGRGGG LSPQPSQRIL GTQVLSGIQW FGRSIIHGVKD LEGGDGLADVA
VGAESQMIVL SSRPVVDMVT LMSFSPAEII VHVEVECSYST SNKMKEGVNI TICFQIKSLY
POFQGRLVAN LTYTLQLDGH RTTRRGLFPQ GRHELRRNIA VTTSMSCTD SFHFFPVCQD
LISPINVSLN FSLWEEEGTP RDQRAQGKDI PPILRPSLHS ETWEIPFEKN CGEDKKCEAN
LRVSFSPPARS RALRLTAFAS LSVELLSLSNL EDEDAYWVOLD LHFPFGLSFR KVELMLKPHSQ
IPVSCEELPE ESRLLSRLAS CNVSSP1FKA GH5VALOMMP NTLVNSSWGD SVELHANVTC
NNEDSDLLED NSATTIPII YPINILIQDQ EDSTLIVSFT PKGPKIHQVK HMYQVRIQFS
IHDHNIPITLE AVVGVPQPFQ EGPITHQSVW QMEEPPVPCHY EDLERLPDAA EPCLPGALFR
CPVVFQRQELI VQVITLLELV GEIEAASSMFS LCSSLSISFN SSKHFHLYGS NASLAQVVMK
VDVYYEKQML YLYVLSGIGG LLLLLLIFIV LYKVGFFKRN LKEKMEAGRG VPNGIPAEADS
EQLASGQEAG DPGCLKPLHE KDSSEGGKGD